

REMARKS

Applicants respectfully request reconsideration of this application as amended. Claims 1-4, 7-9, 18 and 20-21 have been amended. Claims 5-6, 10-17, 19 and 22-24 have been cancelled without prejudice. New claims 25-29 have been added. Therefore, claims 1-4, 7-9, 18, 20-21 and 25-29 are presented for examination.

Information Disclosure Statement

Applicants respectfully submit an information disclosure statement herewith citing the correct U.S. Patent Number 5,796,939 issued to Berc et al. A copy of the information disclosure statement is enclosed for the Examiner's convenience.

Claim Objections

Claim 23 stands objected by the Examiner for informality.

With regard to claim 23, it has been cancelled without prejudice.

35 U.S.C. § 102 Rejection

Claims 1-3, 10-12, 18-20 and 22-24 stand rejected under 35 U.S.C. §102(b), as being anticipated by Larsen et al., U.S. Patent No. 5,835,705 ("Larsen").

Larsen discloses "the processor has *first and second modes of operation* . . . [and] when the performance monitor is operating in the first mode, a first counter within the performance monitor increments *in response to each occurrence of the first event* and a second counter within the performance monitor increments *in response to each occurrence of the second event*" (col. 2, lines 2-9; emphasis provided).

In contrast, claim 1, as amended, in pertinent part, recites, "an event detector to

detect a predetermined list of event and to transmit an event detection signal to a multiplexer; an event selection control register (ESCR) to instruct the multiplexer to select an event from the predetermined list of events by qualifying the event based on a set of conditions” (emphasis provided). Larsen does not teach or reasonably suggest the detection of the events, selection of the events, and qualifying of the events as recited by claim 1. Accordingly, for at least the reasons set forth above, Applicants respectfully request the withdrawal of the rejection of claim 1 and its dependent claims.

With regard to claim 18, it contains limitations similar to those of claim 1 and accordingly, Applicants respectfully request the withdrawal of rejection of claim 18 and its dependent claims.

35 U.S.C. § 103 Rejection

Claims 4, 5, 9, 13, 14 and 17 stand rejected under 35 U.S.C. §103(a), as being unpatentable over Larsen et al., U.S. Patent No. 5,835,705 (“Larsen”) in view of Diepstraten et al., U.S. Patent No. 6,205,468 (“Diepstraten”).

Claims 6-8, 15, 16 and 21 stand rejected under 35 U.S.C. §103(a), as being unpatentable over Larsen in view of Diepstraten as applied to claims 4, 5, 9, 13, 14 and 17 above, and further in view of Dreyer et al., U.S. Patent No. 5,657,253 (“Dreyer”).

With regard to claims 4-5, 7-9 and 21, they depend from either claim 1 or claim 18 and thus, include the limitations of the independent claim from which they depend.

With regard to claim 6 and 13-17, they have been cancelled without prejudice.

Conclusion

Applicants submit that claims as amended are now in condition for allowance. Accordingly, Applicants respectfully request that the rejections be withdrawn and the application be allowed.

Invitation for a Telephone Interview

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

Request for an Extension of Time

Applicants respectfully petition for an extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a) should one be necessary. Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17(a) for such an extension.

Charge our Deposit Account

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,

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